





## ABOUT MAHARAJA AGRASEN UNIVERSITY (MAU)

**Maharaja Agrasen University (MAU)** established in the year 2013, was inaugurated by the then President of India Late Shri Pranab Mukherjee. The University is situated in pollution-free environment of Shivalik foot hills near Kasauli and Pinjore Garden. It is easily accessible from Chandigarh (30 Km), Panchkula (21 Km), Kalka (10 Km), Pinjore (12 Km). MAU offers various Diploma, Undergraduate, Postgraduate and Doctorate Level courses in a wide variety of fields like Basic & Applied Sciences, Law, Management, Pharmacy, and Technology. Committed to the cause of holistic development of students, the University endeavors to foster equality, initiative, integrity, and excellence while maintaining highest level of consciousness, civility and humility.

In a very short span of time, the University has been able to make its presence felt not only in Himachal Pradesh but also pan India. This achievement of the University has been appreciated by a consortium of 25 chairpersons of industry who conferred CCI Technology Excellence Award in the category of Best Emerging Private University of India. It has also been adjudged by "Higher Education Review as the University in the category of "Research & Development. In the year 2021 The Institution Innovation Cell of MHRD, Education Ministry GOI & AICTE has selected 50 mentor Institute out of 2700 in India, and Maharaja Agrasen university is one of among them and has approved as Mentor of the many reputed Government Universities and top prestigious Institutions including Central University of Himachal Pradesh, Dharamshala, University Institute of Technology Himachal Pradesh University, Shimla, Deenbandhu Chhotu Ram University of Science. & Tech., Murthal, Haryana. Second time in year 2023, the university has been selected as mentor. Hon'ble Chancellor of the University Dr. Nand Kishore Garg has been conferred with Himachal Ratan Award-2022.

It has been recognized by Minister of Education Sh. Dharmendra Pradhan as best 5 under NEP policy at NEP, IIC event at Bharat Mandapam, New Delhi on 29th, July 2023. IIC of the university has been awarded 3.5-star rating and is one of best running IIC in NWRO region.



## ABOUT I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY (IKGPTU)

**I.K. Gujral Punjab Technical University (IKGPTU)** was established by an Act of State Legislature on 16th January, 1997, to promote technical, management and pharmaceutical education in the state at degree level and above. It was established as Punjab Technical University and renamed as I.K. Gujral Punjab Technical University by State Government in the honour to Late Sh. Inder Kumar Gujral, Former Prime Minister of India, in 2015. The University has the mandate to set up centres of excellence in emerging technologies and for promoting training, research and development in these areas. Through various technical and research courses, the University has contributed significantly and is still continuing with its tireless initiatives towards building the skilled human resource in the country in general and in the state in particular. With this goal in mind, the university is promoting a number of courses in different streams in regular as well as distance education programmes. "At present the University has one Main Campus at Jalandhar-Kapurthala Highway in 78.16 acres' area, One Campus at Hoshiarpur, One Campus at Batala, One Campus in Sri Amritsar Sahib & Two Campuses are at Mohali.

I.K. Gujral Punjab Technical University has a wide network of Engineering, Management, Pharmacy, Hotel Management, and Architecture Colleges in the State of Punjab duly approved by All India Council of Technical Education (AICTE) / apex regulatory bodies. The University also offers Human Values & Professional Ethics course for all students, in collaboration with NRCVEE, IIT Delhi and IIIT Hyderabad. The University has state-of-the-art infrastructure. Its auditorium namely Sri Guru Nanak Dev Ji Auditorium is a center of attraction for the visitors.



## ABOUT BABA MASTNATH UNIVERSITY (BMU)

**Baba Mastnath University, Rohtak**, is a self-financing Private University established in 2012 under the Haryana Private Universities Act, 2006. The University is sponsored by Shri Baba Mastnath Math (Spiritual Organisation of Nath Sect) Asthal Bohar, Rohtak. During the last 13 years of its existence, the University has made remarkable strides in the fields of technical, professional and health sciences education. The University offers courses in a wide range of disciplines including Ayurveda, Pharmacy, Nursing, Physiotherapy, Management & Commerce, Law, Engineering, Basic Sciences, Humanities and Education. BMU is committed to provide quality education with a transparent and decentralized platform for diverse fields of careers. The University follows global trends in higher education and imparts a globally relevant and locally applicable curriculum of international standards. Outcome based curriculum and skill-based trainings are achieved through practice centric tools including clinical skill labs, cadaveric skill labs, multi-speciality hospital in addition to the adoption of the latest pedagogy and assessment methods. This year the BAMS program of the University has been Accredited with 'A' Grade by NCISM, Govt. of India, having 1<sup>st</sup> Rank in Haryana and 26<sup>th</sup> Rank in all India category. Further, the NEP-2020 is being implemented in the academic system across all disciplines with special emphasis on Indian Knowledge System, blending science and spirituality, holistic education approach, UGC quality parameters, while ensuring employability among graduates. The University aspires to become a Centre of Excellence in technical, medical and professional education in the years to come.

The University has created state-of-the-art infrastructure in the form of teaching blocks, labs, research facilities, hostels, auditorium, library, smart-classrooms, etc. The University has a very strong social connect and providing various types of services to the local community.

## ABOUT THE CONFERENCE

India's vast and diverse knowledge system, rooted in its ancient civilizations, represents one of the most significant contributions to global intellectual heritage. The Indian Knowledge System (IKS) encompasses a wide array of disciplines including Vedas and Upanishads to Ayurveda, Yoga, Mathematics, Astronomy and Philosophy. These disciplines have not only shaped Indian society but also influenced global thought. Today, as the world faces unprecedented challenges, there is a renewed interest in revisiting and revitalizing these ancient systems, exploring their relevance, and harnessing their potential for contemporary applications. An interdisciplinary conference achieves its objectives by bringing together experts from various fields to share insights, collaborate on research, and engage in meaningful discussions. By crossing traditional academic boundaries, the conference fosters a holistic understanding of complex issues, encouraging innovative approaches and solutions. The diverse perspectives and expertise contribute to a richer dialogue, leading to the integration of ideas and the development of new frameworks that address contemporary challenges. This collaborative environment is crucial for generating fresh ideas and advancing knowledge in a way that is both comprehensive and impactful.

Organizing an interdisciplinary conference on the topic of the Indian Knowledge System: From Glorious Past to Bright Future, is both timely and essential. India's rich heritage of knowledge from sciences, arts, and philosophy to medicine, business, mathematics and social sciences has profoundly shaped global thought and continues to offer valuable insights in today's rapidly changing world. This conference is going to provide a unique platform to explore and celebrate this legacy, while also addressing how these time-tested systems can be adapted to solve contemporary challenges. By bridging the wisdom of the past with the challenges of the future, we can inspire a new generation of thinkers, educators, and policymakers, ensuring that the Indian Knowledge System not only remains relevant but also plays a crucial role in shaping a sustainable and enlightened future. To fulfill this need Maharaja Agrasen University in collaboration with I.K. Gujral Punjab Technical University and Baba Mastnath University is holding two days' International conference with the primary objective to explore the Indian Knowledge System in its entirety, examining its historical evolution, current relevance, and future potential. By bringing together scholars, practitioners and academician, the conference aims to create a dialogue that connects the knowledge of the past and the advancements of the future.

## SUBTHEMES OF THE CONFERENCE

### MANAGEMENT

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- Sustainable Development and Indian Knowledge System
- Business Ethics and Indian Knowledge System
- Understanding Governance from Ancient to Modern Times
- Relevance of Bhagvad Gita in Modern Management Practices
- Artha Shastra and Contemporary Management Practices
- Integrating Indian Cultural Values into Modern HR Practices
- Indian Knowledge System and Global Competitiveness in Business
- Indigenous Economic Models and Trade Practices
- Leadership Lessons from Indian Epics
- Managing Cultural Diversity in Indian Organizations

### LAW

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- Traditional Art Forms: A Cause of Concern for the Copyright
- Indian Knowledge System and Modern Legal Education
- Dharma and the Concept of Justice in Indian Legal Traditions
- The Role of Manusmriti and Arthashastra in Shaping Indian Jurisprudence
- Codification of Ancient Indian Legal Texts: Challenges and Opportunities
- Comparative Study of Ancient Indian and Western Legal Philosophies
- Customary Laws and their Recognition in Modern Indian Legal System
- Conflict Resolution and Mediation in Indian Knowledge Systems
- The Role of Dharmashastras in the Evolution of Family Law in India
- Restorative Justice in Ancient Indian Legal Practices

### BASIC & APPLIED SCIENCES

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- Alchemy to Chemistry: The Transition in Ancient Indian Science
- Traditional Indian Metallurgy and its Modern Applications
- Natural Dyes and Organic Chemistry in Ancient India
- Nanotechnology in Ancient Indian Medicine and Modern Nanoscience
- Approaches Towards Vedic Physics
- Astronomy in Ancient India
- Traditional Practices for Conserving the Nature and Managing Pollution
- Agriculture and Water Management in Ancient India
- Bridging the Gap: IKS and Modern Science in Pesticide Management
- Vedic Mathematics and Modern Technology

## **ENGINEERING AND TECHNOLOGY**

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- Traditional Indian Architecture
- Indigenous Engineering Practices
- Traditional Indian Lighting Systems
- Ancient Indian Communication Systems
- Indian Astronomical Knowledge and Electronics
- Ancient Indian Construction Techniques
- Indian Knowledge Systems and Sustainable Urban Planning
- Indian Philosophical Concepts in Computer Science
- Traditional Indian Logic and Algorithms
- Indian Knowledge Systems and Artificial Intelligence

## **PHARMACY**

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- Ancient Ayurvedic Texts and their Impact on Modern Pharmacology
- Integration of Traditional Indian Medicine with Contemporary Pharmaceutical Practices
- Ethno Pharmacology: Discoveries from Indian Medicinal Plants
- The Role of Indian Alchemy (Rasa Shastra) in the Development of Pharmaceuticals
- The Influence of Indian Herbal Medicine on Drug Discovery and Development
- Revival of Traditional Indian Knowledge in Modern Therapeutics
- Historical Perspectives on Drug Formulation and Preparation in India
- Cross-Cultural Exchanges: Indian Contributions to Global Pharmaceutical Science
- Traditional Indian Approaches to Disease Management and their Relevance Today
- The Role of Indian Knowledge in the Development of Natural Products for Pharmaceutical use

## **SOCIAL SCIENCES AND JOURNALISM**

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- Role of Humanities and Social Sciences in Multidisciplinary and Transdisciplinary Education
- Realizing Goal of Vikshit Bharat – 2047: Harmony in Indian Knowledge System, Demographic Dividends and Artificial Intelligence
- Social Entrepreneurship in India: It's importance, Current Status, Challenges and Future Strategies
- Success of Democracy in India: One Nation One Election Theory
- Impact of NEP-2020 on English and Indian Languages
- Relevance of Sanskrit in Computer Science, Artificial Intelligence, Indian Knowledge System and Multidisciplinary Education
- Role of Science and Spirituality in Indian Knowledge System
- Contributions of Guru Gorakhnath Literature in Indian Knowledge System and Traditions
- Changing Role of Social Media in Democracy, Market Economy and Governance
- Ethics in Journalism – Challenges of Maintaining Objectivity in Conflict Zones

## GENERAL SUB THEMES

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- Venerable Position of Traditional Knowledge under Intellectual Property Rights –A Concern for Sustainable Development
- Indian Traditional Knowledge System Vis-à-vis Sustainable Development
- Emphasising the Role of Traditional Practice in addressing Environmental and Social Problems
- Momentousness of Traditions in the Age of Modernity
- Sustainable Development through Ancient Practices and Knowledge System
- Teaching Design based on Classical Indian Knowledge System
- Indian Knowledge System and Environmental Sustainability
- Ancient Indian Philosophies and Modern CSR Practices
- Ancient to Modern Research to solve Contemporary Societal Issues
- Exploring the Intersection between Indian Knowledge System and Environment

## TENTATIVE LIST OF EMINENT SPEAKERS

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- **Prof. Tankeshwar Kumar**  
Vice Chancellor, Central University of Haryana, Mahendergarh
- **Prof. (Dr.) Karamjit Singh**  
Vice Chancellor, Guru Nanak Dev University, Amritsar
- **Prof. Parvinder Singh**  
Vice Chancellor, Rayat Bahra University, Kharar
- **Prof. (Dr.) Ajay Kumar Poddar**  
Vice Chancellor, Texila American University, Zambia
- **Prof. (Dr.) Sanjeev Sharma**  
Director, Internal Quality Assurance Cell, Panjab University
- **Prof. (Dr.) Anil Kumar**  
Chairperson, University Institute of Pharmaceutical Sciences, Panjab University
- **Prof. Ganga Ram Chaudhary**  
Director, Sophisticated Analytical Instrumentation Facility, Panjab University
- **Dr. Anupam Mehta**  
Associate Professor, University of Birmingham, United Kingdom
- **Prof. (Dr.) Naveen Kumar**  
Dean Academic Affairs, Baba Mastnath University, Rohtak, Haryana
- **Prof. Sneh Sharma**  
Vice Principal, Post Graduate Government College, Sector 46, Chandigarh



## CONFERENCE SECRETARIAT

### CHIEF PATRON



**Dr. Nand Kishore Garg**

Chancellor  
Maharaja Agrasen University

### PATRONS



**Prof. (Dr.) R K Gupta**

Vice-Chancellor  
Maharaja Agrasen University



**Prof. (Dr.) Susheel Mittal**

Vice-Chancellor  
I.K. Gujral Punjab Technical University



**Prof. (Dr.) H L Verma**

Vice-Chancellor  
Baba Mastnath University

### TECHNICAL ADVISOR



**Sh. Suresh Gupta**

Project Director  
Maharaja Agrasen University

### CONVENOR



**Dr. A K Vashisht**

Dean Research  
Maharaja Agrasen University

## CONFERENCE ADVISORS



### Maharaja Agrasen University

- **Dr. Pankaj Nanglia**, Registrar
- **Dr. Pardeep Singh Walia**, Dean Academic Affairs
- **Dr. Aparna N. Mahajan**, Director, Maharaja Agrasen Institute of Technology
- **Dr. Richa**, Director, Maharaja Agrasen School of Law
- **Dr. Sanjay Panwar**, Director, Maharaja Agrasen School of Basic & Applied Sciences
- **Dr. Mona Piplani**, Director, Maharaja Agrasen School of Pharmacy



### I.K. Gujral Punjab Technical University

- **Dr. S. K. Mishra**, Registrar
- **Prof. (Dr.) Vikas Chawla**, Dean Academics
- **Prof. (Dr.) Gaurav Bhargava**, Dean Faculty Welfare
- **Prof. (Dr.) Satvir Singh**, Dean Student Welfare
- **Prof. (Dr.) Balkar Singh**, Dean College Development
- **Dr. Rajeev Kumar Bedi**, Associate Professor and HoD, Department of CSE



### Baba Mastnath University

- **Prof. (Dr.) Vinod Kumar**, Registrar
- **Prof. (Dr.) B.M. Yadav**, Dean, Faculty of Humanities and Liberal Education
- **Prof. (Dr.) Anil Kanwa**, Dean, Faculty of Management and Commerce
- **Dr. Manish Dalal**, Dean, Faculty of Law
- **Prof. (Dr.) Ravi Kumar Rana**, Dean, Faculty of Sciences
- **Prof. (Dr.) Mukesh Singla**, Dean, Faculty of Engineering
- **Dr. Pawan Jalwal**, Dean, Faculty of Pharmacy

## ORGANISING SECRETARIES



**Dr. Vinay Chamoli**

Professor  
Maharaja Agrasen University



**Dr. Kapil Gupta**

Assistant Professor  
I.K. Gujral Punjab Technical University



**Dr. Deepak Yadav**

Assistant Professor  
Baba Mastnath University

## JOINT ORGANISING SECRETARIES

**Dr. Aashima Mittal**

Assistant Professor  
Maharaja Agrasen University

**Dr. Pooja Mehta**

Assistant Professor  
I.K. Gujral Punjab Technical University

**Dr. Abhishek**

Assistant Professor  
Baba Mastnath University

## ORGANISING TEAM & TRACK INCHARGES

Maharaja Agrasen University	I.K. Gujral Punjab Technical University	Baba Mastnath University	Track	Email id for paper submission
Dr. Sangeeta	Dr. Pooja Mehta	Dr. Sapna Bansal	Management	conferencemgmt@mau.edu.in
Dr. Promil Diwan	-	Dr. Ritu	Law	conferencelaw@mau.edu.in
Dr. Manisha Dhiman	Dr. Rupesh Kumar	Prof. (Dr.) Manoj Verma	Basic & Applied Sciences	conferencesbas@mau.edu.in
Dr. Suneev Anil Bansal	Dr. Deepak Goyal	Dr. Somvir Arya	Engineering & Technology	conferencemait@mau.edu.in
Dr. Rishu Yadav	Dr. Shabir Sidhu	Prof. (Dr.) Balvinder	Pharmacy	conferencesop@mau.edu.in
Mr. Kuldeep Singh	Dr. Ekta Mahajan	Dr. Deepak Yadav	General & Social Sciences	conferencegss@mau.edu.in

## TECHNICAL COMMITTEE

**Dr. Ranjit Kumar**

Associate Professor  
Maharaja Agrasen University

**Mr. Ajay Kumar**

Network Administrator  
Maharaja Agrasen University

**Dr. Jagdish Bhardwaj**

Professor  
Baba Mastnath University

**Dr. Jaspreet Dahiya**

Professor  
Baba Mastnath University

**Dr. Kirpa Ram**

Assistant Professor  
Baba Mastnath University

**Mr. Inderpreet Singh**

IT Head  
Baba Mastnath University

## AWARDS CATEGORIES

The conference will recognise the path breaking and noteworthy contribution of researchers/academicians/scientist in their respective fields. The following is the list of awards which shall be conferred in the conference:

- Best Presentation Award (In each track category)
- Best Academician Award
- Young Researcher Award
- Outstanding Achievement Award

Those who want to be considered for these awards must register for the conference before March 15, 2025. They should also send their application for the award indicating their achievements in their respective fields along with the supporting documents on the **Email ID: aashima@mau.edu.in**. In addition to the registration fee they shall pay **Rs.500/- as application fee** for the awards except for the category of **Best Presentation Award**.

## WHO CAN ATTEND

The conference on the theme “**Indian Knowledge System: From Glorious Past to Bright Future**” is open to a diverse audience, including academicians, researchers, students, policymakers, and professionals with an interest in India's rich intellectual heritage. Individuals from fields such as history, philosophy, literature, science, art, and cultural studies are particularly encouraged to participate and explore the relevance of ancient Indian knowledge systems in contemporary times. The event welcomes anyone who seeks to understand, preserve, and integrate India's traditional wisdom into modern frameworks for a brighter future.

## CALL FOR PAPERS

### Abstract and Paper Submission:

#### Contribution

Persons interested to participate in the conference are welcome to contribute their research papers/case studies on the thematic areas with specific recommendations for discussions in technical sessions.

## Guidelines for Paper Submission

All manuscripts and full length paper must be strictly prepared as per the following format:

- **Title:** Bold centred 14 point
- **Font size:** 12, justified
- **Font Type:** Times New Roman
- **Main Text:** Minimum 3,000 maximum 6,000 words -including tables, figures and references - single-spaced
- **Page Numbering:** All pages should be numbered in footer in the bottom centre of each page
- **Citations and References:** Harvard style
- **Author(s):** Name, position, organization - bold centred 12 point (2 lines each author)
- **Contact Details:** Complete address, phone, fax, email, web site (if any) –centred 12 point
- **Keywords:** Up to five keywords to be provided for indexing, cataloguing and classification purposes.
- **Bio Data:** Authors should attach their brief biographical details, not exceeding 100 words.
- **Similarity index should be below 10 Percent. A plagiarism certificate/report should be attached with the paper.**

**Note:** There should be no author identification after the title page. The page following the title page should show only: Title, abstract within the paper, then the main text.

## MANUSCRIPT CONTENT

Paper should demonstrate critical rigor and make clear contribution to knowledge. It should also state its implications in relation to the theme of the conference, and contribution to one or more areas of research, education, policy or practice.

## PUBLICATION OF ACCEPTED MANUSCRIPTS

The accepted papers will be published in six Edited Books of respective tracks with ISBN numbers. The book will be given on the day of conference to the registered participants who have paid Rs. 600 for the book. It is desired that the research papers must be submitted well in time and strictly as per the guidelines, so as to be included in the proposed publications.

## Schedule for Submission

Submission of Abstract:	25th February, 2025
Notification of Acceptance of Abstract:	28th February, 2025
Full-length Paper Submission:	5th March, 2025
Notification of Acceptance-Full Paper:	10th March, 2025
Last date of Registration:	15th March, 2025
Conference Date:	4th & 5th April, 2025

## REGISTRATION AND PUBLICATION FEE

Category	Fees
Students	₹ 200/-
Research Scholars	₹ 300/-
Faculty of MAU, IKGPTU & BMU	₹ 400/-
Faculty of other institutions	₹ 500/-
Professional from Industry	₹ 1500/-

- Those who are willing to purchase the book must register for the conference before 15th march, 2025 and pay additional **Rs. 600** for the ISBN No. book containing selected articles/ research papers. The willingness must be conveyed to respective track incharge through email.
- There will be separate registration for every co-author along with the registration fee.
- The conference will be held in a **blended mode** i.e. both offline as well online. The participants are advised to communicate in the registration form the mode in which they want to participate in the conference.
- Boarding and lodging shall be provided by the university on first come first serve basis at a concessional rate. The request for the boarding and lodging can be made to Dr. Pankaj Bhateja, **M: 8005962738 Email: pankubhateja@gmail.com** up to 31st March, 2025.

The applicable fee can be paid through Demand Draft in favour of “**Registrar, Maharaja Agrasen University, payable at Baddi**” or through NEFT/RTGS. The details for online payment are given as under:

**Account Name: Maharaja Agrasen University (COWOSE)**

**Bank Name - Axis Bank**

**Branch Code (Nanakpur) - 2381**

**IFS Code –UTIB0002381**

**Account No.- 922010020129990**

### CONTACT PERSONS

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Dr. Kapil Gupta	I.K. Gujral Punjab Technical University	+91-9478098074	kapilgupta@ptu.ac.in
Dr. Deepak Yadav	Baba Mastnath University	+91-9711666672	deepakyadav@bmu.ac.in

### PROCEDURE FOR REGISTRATION

Registration for the conference can be done by filling up the hard copy of the registration form as attached or by filling up the google form through the link <https://forms.gle/qceWbrSWZjYjcq4YA>



# MAHARAJA AGRASEN UNIVERSITY

## REGISTRATION FORM

### INTERNATIONAL CONFERENCE

on

*“Indian Knowledge System: From Glorious Past to Bright Future”*

(04-05 April, 2025) (Blended Mode)

Student  Research Scholar  Academician  Professional from Industry

Name \_\_\_\_\_ (In Block Letters)

Designation: \_\_\_\_\_ Organization Name: \_\_\_\_\_

Address for correspondence: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Pin \_\_\_\_\_

E-mail: \_\_\_\_\_ Mobile No. \_\_\_\_\_

Title of Paper \_\_\_\_\_

Track of Conference \_\_\_\_\_

Name of Co-author (if any) \_\_\_\_\_

Mode of Participation Offline  Online

Whether requiring boarding/lodging: Yes / No \_\_\_\_\_ Specify Date: \_\_\_\_\_

Whether requiring Conference book: Yes / No \_\_\_\_\_

Whether applied for awards: Yes / No \_\_\_\_\_

If Yes, category: \_\_\_\_\_

Mode of Payment: Cash/Draft/NEFT/UPI (Please mention details) \_\_\_\_\_

Date: \_\_\_/\_\_\_/\_\_\_\_\_

Signature

\*\* Note: Please use separate registration form for each participant.



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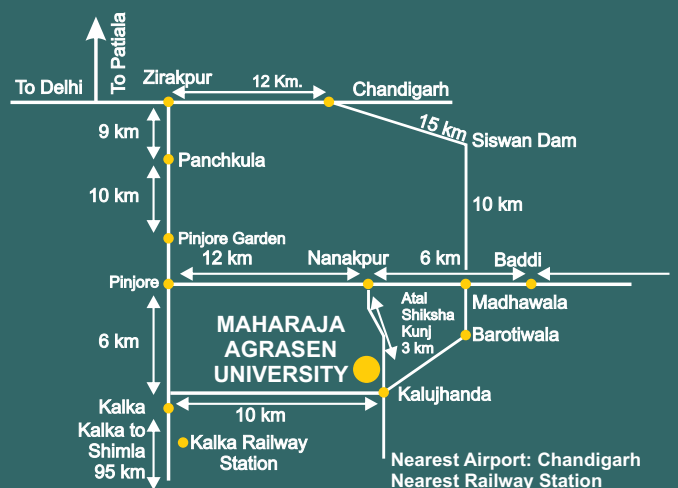
# MAHARAJA AGRASEN UNIVERSITY

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## HOW TO REACH US



MAP NOT TO SCALE